

ARKANSAS NATIVE PLANT SOCIETY

VIRTUAL SPRING MEETING | May 2021

FREE Webinars!

*with Steven Foster, Karen Willard,
Eric Sundell, Jay Justice, Bo Brown,
Theo Witsell, and Jennifer Ogle!*

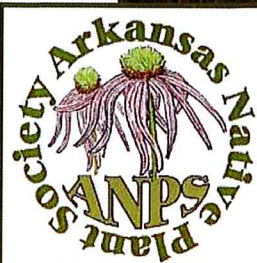
Online Silent Auction!

*Enter for a chance to win native plants,
botany books, ANPS merchandise, and more!*

Native Plant Adventure Challenge!

*Help raise money for ANPS
by identifying native plants!*

For more information, contact:
ANPS.President@gmail.com



ARKANSAS NATIVE PLANT SOCIETY

VIRTUAL SPRING MEETING

May 2021 | FREE WEBINAR SERIES

Saturday, May 1st, 1-2pm

*Benevolent Trees: Native Woody Plants in
American Herbal Traditions
with Steven Foster*

Saturday, May 8th, 1-2pm

*Mosses: the Original Tree Huggers
with Karen Willard*

Wednesday, May 12th, 2-3pm

*Here Come the Invasivores!
Foraging Invasive Species To Help Our Natives
with Bo Brown*

Thursday, May 13th, 1-2pm

*Who's On Top: An Overview of the Known
Associations Between Plants and Fungi
with Jay Justice*

Saturday, May 15th, 2-3pm

*The Love Life of Ferns
with Eric Sundell*

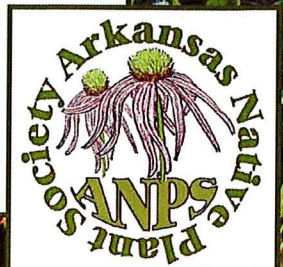
Saturday, May 22nd, 1-2pm

*Arkansas's Grasslands:
Natural History and Conservation
with Theo Witsell*

May 22nd, 3-4pm

*Ask the Experts! — Q&A Panel Discussion
with Theo Witsell, Jennifer Ogle, and Eric Sundell*

To register, contact: ANPS.President@gmail.com



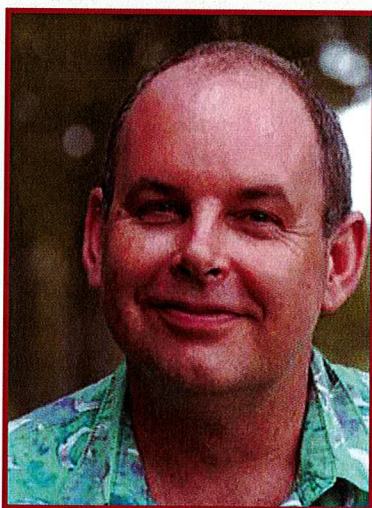
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VIRTUAL SPRING MEETING

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Benevolent Trees: Native Woody Plants in American Herbal Traditions

with Steven Foster
Saturday, May 1st, 1-2pm



Join Steven Foster on a photographic journey beyond mere plant identification to explore the remarkable human experience in interacting with woody plants for material and medicinal use, as well other ways of looking at our ligneous flora in both American history and contemporary experience.

For forty-seven years, Steven Foster, has been fascinated with woody plants as "herbs." A Charter Member of the Arkansas Native Plant Society, Steven is the author and photographer of nineteen books, including most recently the 2014 3rd ed. of the *Peterson Field Guide to Medicinal Plants and Herbs* (with James A. Duke; Houghton Mifflin Harcourt), and the National Geographic's *A Desk Reference to Nature's Medicine* (with Rebecca Johnson).

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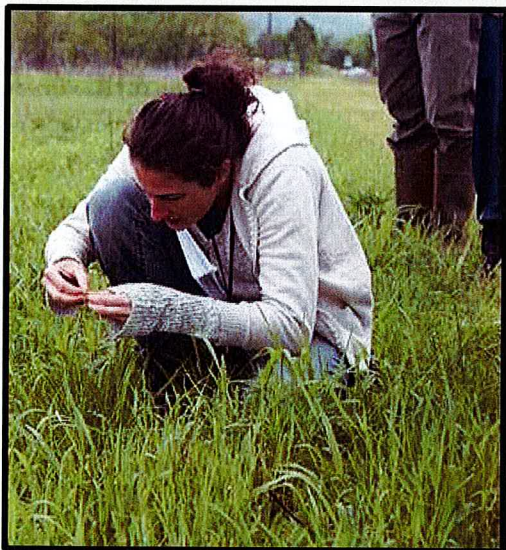
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Mosses: *the Original Tree Huggers*

with Karen Willard
Saturday, May 8th, 1-2pm

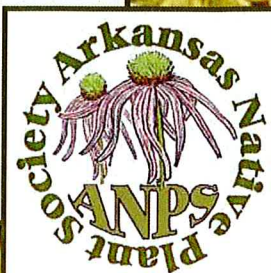


Mosses were one of the first plants to adapt to life on land, evolving from an ancient group of green algae around 450 million years ago. These plants are small and lack true vascular tissue, yet they have been able to colonize every ecosystem except for the ocean, living where most other plant groups can't. In this program, Karen will explore some of the characteristics that make these plants unique, and will discuss

their role in the biological community. The program will conclude with an overview of moss species common to Arkansas.

About Karen: Karen Willard is a contract botanist who has worked for various state agencies, non-profit organizations, and environmental consulting firms. She holds a master's degree in natural resources from the Ohio State University. Her main research interests include wetland ecology, and plant-insect interactions.

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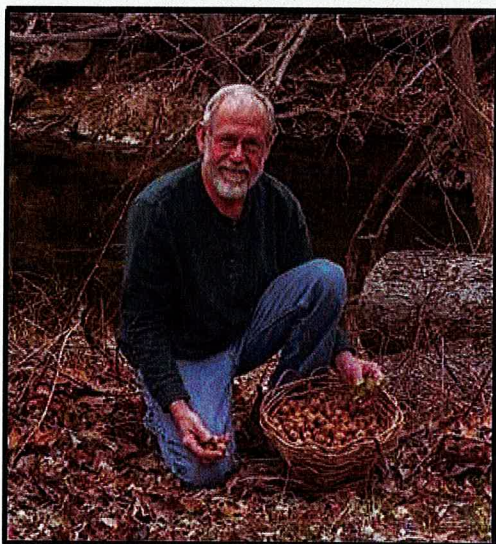
VIRTUAL SPRING MEETING

May 2021 | FREE WEBINAR SERIES

Here Come the Invasivores! *Foraging Invasive Species To* *Help Our Natives*

with Bo Brown

Wednesday, May 12th, 2-3pm



Join Bo Brown, author of *Foraging the Ozarks*, to learn about some of the tasty non-native and invasive plant species found in Arkansas. You'll learn about methods of preparation, recipes, ethical collection, and ways to prevent the spread of these ecologically harmful species.

About Bo: Bo Brown is a self-taught naturalist who has worked throughout the U.S. and

Central America as an avian field biologist since 1985, including a nine-year position as a naturalist with the Missouri Department of Conservation. He is founder and director of First Earth Wilderness School, and has led courses on foraging and nature education throughout the region for the last three decades. Bo's field guide *Foraging the Ozarks* was released by Falcon Guides in July 2020, and his current project *Foraging the Tallgrass Prairie* will be available in summer 2023.

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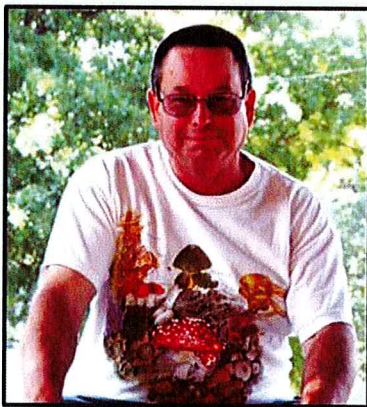
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VIRTUAL SPRING MEETING

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Who's On Top? *An Overview of the Known* *Associations Between* *Plants and Fungi*

with Jay Justice
Thursday, May 13th, 1-2pm



In this presentation, Jay will examine various types of mycorrhizal relationships, as well as other types of fungal-plant associations, including lichens, endophytic fungi, and myco-heterotrophic plants.

About Jay: Jay Justice became enthralled with mushrooms and fungi while pursuing a graduate degree many years ago. In 1980, Jay joined the North American Mycological Association (NAMA), an organization in which he served as the Vice President for many years, and in 1982 he was instrumental in forming the Arkansas Mycological Society. Jay is currently one of the designated chief mycologists for the Missouri Mycological Society, and a scientific advisor for both the Cumberland Mycological Society as well as the Arkansas Mycological Society. Jay is a co-author of *Amanitas of North America*, which was published in June of 2020.

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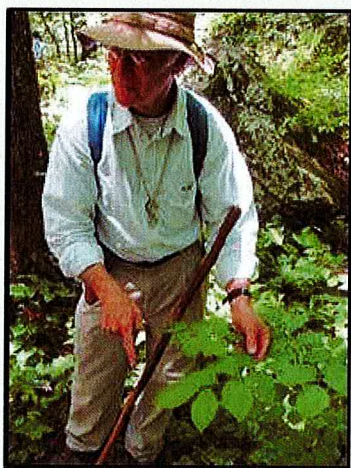
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The Love Life of Ferns

with Eric Sundell

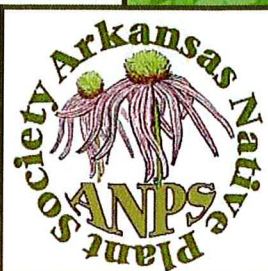
Saturday, May 15th, 2-3pm



An ancient group of plants, ferns were a dominant presence in the fossils of the Coal Age, some 350 million years ago; and yet they still remain a prominent and competitive group among today's modern flora. But unlike almost all of the modern plants, ferns have no seeds and no flowers. Instead, their life cycle is characterized by spores as well as by two quite different kinds of plants: one that produces those spores (and looks like a fern) and the other, the prothallus, a kind of alter-ego that looks like an alga or maybe a moss, that produces sperm that swim about on the forest floor hunting for eggs. We'll take a look at the details of this bizarre and intriguing life cycle. We'll also have a quick tour of Arkansas's most common fernly beauties.

About Eric: An Arkansas resident since 1980, Eric taught botany for 26 years at the University of Arkansas-Monticello. Eric is the founder of UAM's Sundell Herbarium, and was a charter member, and past president, of the Arkansas Native Plant Society. More recently, Eric edited the 8th Revised ('Color') Edition of Dwight Moore's *Trees of Arkansas*, published by the Arkansas Forestry Commission in 2014.

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ARKANSAS NATIVE PLANT SOCIETY VIRTUAL SPRING MEETING May 2021 | FREE WEBINAR SERIES

Arkansas's Grasslands: Natural History and Conservation with Theo Witsell Saturday, May 22nd, 1-2pm



While Arkansas is often thought of as a naturally forested landscape, several lines of evidence indicate that millions of acres of grasslands were present at the time of Euro-American settlement. These grasslands were scattered throughout the state and included tallgrass and blackland prairies, saline barrens, oak and pine savannas and woodlands, sand barrens, riverscours "prairies", big river sandbars, marshes, and a variety of open glade and rock outcrop communities. These grasslands were disproportionately biologically diverse when compared to more forested matrix communities, and supported many endemic, disjunct, or otherwise rare taxa. In general, these grasslands have also declined dramatically, with some types experiencing near total loss following 200+ years of Euro-American settlement. As such, protecting grassland remnants and restoring degraded or converted sites are high priorities. This presentation will provide an overview of Arkansas' grassland types, highlight some of the characteristic and rare species that depend on them, and discuss their conservation, restoration, and management.

About Theo: Theo Witsell is Ecologist and Chief of Research for the Arkansas Natural Heritage Commission and the Curator of the ANHC Herbarium. He is co-author of *Trees, Shrubs, and Woody Vines of Arkansas*, co-editor of the *Atlas of the Vascular Plants of Arkansas*, and has authored or co-authored more than 30 scientific publications and book chapters. Theo is also the co-founder of, and Chief Ecologist for, the Southeastern Grasslands Initiative, and serves as a regional reviewer for the Flora of North America Project.

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